

ZHIZHKA,

Czechoslovakia/Plant Physiology

Growth and development

H-5

Abs Jour : Referat. Zh - Biol., No 6, 25 March 1957, 22411

Author : Gorzhavka, Polachkova, Zhizhka

Inst : Not given

Title : A method for establishing the light stage in buckwheat
(Fagopyrum sagittatum Gilib).

Orig Pub : Sbor. Ceskosl. akad. zemed. ved. Rada-Rostl. vyroba, 1956,
29, No 3, 213-248

Abstract : The scale of growth development of buckwheat for a natural and shortened day was established. Taking this scale into account, the authors established that the light stage of the tested buckwheat type lasts 2-5 days depending on the length of day and temperature. The light stage terminates most rapidly in a 12-hour day. The biological adaptability of plants to a light regimen is very broad; development is possible in day-lengths from 5 to 24 hours. The plants reacted to the photo-period even in the cotyledon stage. Bibl. 26 refs.

Card 1/1

-35-

KOFMAN, S., inzh.; ZHIZHKO, A.

Handbook for workers of farm mills ("Technical designs for farm mills" by M.A.Telengator, A.K.Tereshchenko, V.A.Ponomarev. Reviewed by S. Kofman, and A.Zhizhko). Muk.-elev.prom. 25 no.3:32-33 Mr '59. (MIRA 12:6)

1. Tsentral'noye konstruktorskoye tekhnicheskoye byuro Odesskogo obl'mestproma (for Kofman). 2. Glavnyy inzhener Stalingradskogo oblastnogo tresta gosudarstvennogo sel'skokhozyaystvennogo mukomol'ya (for Zhizhko).

(Flour mills)

ZHIZHKO, V.Kh.

Photometric method of making soil profiles. Trakt.i sel'khoz mash.
30 no.10:22 0 '60. (MIRA 13:8)
(Photometry) (Agricultural machinery--Testing)

RUCHKO, B.F., inzh.; GOL'DSHEYN, M.Ya., inzh.; ZHIZLOV, N.I., kand.
tekhn. nauk.; ALEKSEYEV, A.D., inzh.

Using powered supports in a steeply pitching seam with a
diagonal stope. Ugol' Ukr. 9 no.12:9-13 D '65.

(MIRA 19:1)

1. Dongiprouglemash (for Ruchko, Gol'dshteyn). 2. Donetskiiy
politekhnikheskiy institut (for Zhizlov, Alekseyev).

SHAMOV, A.N.; BODAZHKOV, V.A.; ZHIZHMOR, Ya.I., inzh., retsenzent;
MORGUN, V.V., inzh., red.; MIKHEYEVA, R.N., red.izd-va;
PETERSON, M.M., tekhn. red.

[Design and operation of high-frequency plants] Proektirova-
nie i ekspluatatsiia vysokochastotnykh ustanovok. Moskva,
Mashgiz, 1963. 218 p. (MIRA 17:1)

SUKHOVILOV, N., podpolkovnik; KRUPNOV, V., mayor; ZHIZHN, A., podpolkovnik;
DADOV, A., mayor; FEYFEROV, A., gvardii mayor; IVANOV, P., gvardii
polkovnik

Important problem.. Voen.vest. 39 no.4:52-55 Ap '60. (MIRA 14:2)
(Russia--Army--Noncomissioned officers)

SIMONYANTS, L.Ye.; ZHLOBINSKIY, B.A.; LOZGACHEV, Ye.G.

New unit for determining the static and dynamic hardness of
rocks at high hydrostatic and rock pressure. Izv. vys. ucheb.
sav.; nef't' i gaz 7 no.11:31-34 '64. (MIRA 18:11)

1. Groznenskiy nef'tyanoy institut.

KIM, Il'ya Lukich; ZHIZNEVSKIY, F., red.; KUZEMBAYEVA, A., tekhn.
red.

[Budget and developing the economy and culture of Kazakhstan]
Biudzhët i razvitie ekonomiki i kul'tury Kazakhstana. Alma-
Ata, Kazakhskoe gos.izd-vo, 1961. 114 p. (MIRA 15:1)
(Kazakhstan--Budget) (Kazakhstan--Economic conditions)

CHURIN, Kh.D., kand. sel'khoz. nauk, dots.; VASIL'YEV, B.M., dots.;
BELOV, A.I., kand. ekon. nauk; ASHIRYAYEV, Sh.V., dots.;
TSYPKIN, G.I., kand. sel'khoz. nauk; KAPLINA, G.T., dots.;
ANDRONOV, I.G., dots.; VASIL'YEV, V.I.; KONDION, A.K.,;
MAKAROV, A.P., nauchnyy sotr.; ZHIZNEVSKIY, F.V., red.;
MOSIYASH, S.P., red.; KRINITSKIY, V.A., red.; NAGIBIN, P.,
tekhn. red.

[Economics of Kazakhstan agriculture] Ekonomika sel'skogo kho-
ziaistva Kazakhstana. Alma-Ata, Kazsel'khozgiz, 1962. 325 p.
(Kazakhstan--Agriculture--Economic aspects) (MIRA 16:3)

ZHIZHNEVSKIY, G.O.; BELETSKAYA, T.S.

New motion-picture equipment in television. Tekh.kino i telev. 4
no.10:8-9 0'60. (MIRA 13:10)
(Motion pictures and television) (Television--Equipment and supplies)

BITYUKOV, I. I., inzh., ZHIZHOV, L. I., inzh.

Asphalt filters for vertical drainage holes. Gidr. i mel. 12
no.8;45-49 Ag '60. (MIRA 13:8)

1. Otdel instituta "Orgenergostroy", g. Stalingrad .
(Drainage) (Filters and filtration)

ZHIZLOV, N. (g.Stalino)

Pocket-sized superheterodyne receiver. Radio no.3:28-30 Mr '60.
(MIRA 13:6)

(Radio--Receivers and reception)

ZHIZLOV, N.I., dotsent.; DOROKHOV, D.V., assistant

Effect of the time element in mining protective seams. Ugol'
Ukr. Vol.3 no.5:9-12 My '59. (MIRA 12:9)

1. Donetskiy industrial'nyy institut.
(Mine gases) (Coal mines and mining--Safety measures)

ZHIZLOV, N.I., kand.tekhn.nauk, nauchnyy rabotnik; ZBORSHCHIK, M.P., inzh.;
 nauchnyy rabotnik; ZEMLYANSKIY, L.V., inzh., nauchnyy rabotnik;
 KOREPANOV, K.A., kand.tekhn.nauk, nauchnyy rabotnik; MALOV, V.P.,
 kand.tekhn.nauk, nauchnyy rabotnik; MEDVEDEV, B.I., kand.tekhn.
 nauk, nauchnyy rabotnik; NOVITSKIY, A.M., kand.tekhn.nauk,
 nauchnyy rabotnik; PROKOP'YEV, V.P., nauchnyy rabotnik; SAPITSKIY,
 K.F., kand.tekhn.nauk, nauchnyy rabotnik; YAKUSHEVSKIY, A.Yu.,
 kand.tekh.nauk, nauchnyy rabotnik; LIPKOVICH, S.M., dotsent, red.;
 SHUSHKOVSKAYA, Ye.L., red.izd.; BERESLAVSKAYA, L.Sh., tekhn.red.;
 ALADOVA, Ye.I., tekhn.red.

[Working gently sloping seams at great depths] Razrabotka pologo-
 padaiushchikh plastov na bol'shikh glubinakh. Pod obshchei red.
 S.M.Lipkovicha. Moskva, Ugletekhizdat, 1958. 209 p. (MIRA 12:2)

1. Stalino. Donetskii industrial'nyy institut. 2. Donetskii
 industrial'nyy institut (for all except Lipkovich, Shushkovskaya,
 Bereslavskaya, Aladova)
 (Coal mines and mining)

LYUYEV, A. I.; DOROKHOV, D. V.; ZHIZLOV, M. I.

Sudden coal and gas outbursts in tapped coal seams. Ugol' Ukr. 4
no. 12:8-10 D '60. (MIRA 13:12)
(Donets Basin--Coal mines and mining) (Mine gases)
(Rock pressure)

GOYKHMAN, Gerts Izraylevich, prof. [deceased]; LIPKOVICH, Samuil Moiseyevich, dotsent; ~~ZHIZLOV, Nikolay Il'ich~~; SAPITSKIY, Konstantin Fedorovich; SEREDNYAKOV, P.Ya., otv.red.; SHUSHKOVSKAYA, Ye.L., red.isd-va; NADZINSKAYA, A.A., tekhn.red.; PROZOROVSKAYA, V.L., tekhn.red.

[Manual of problems on underground coal mining] Zadachnik po podzemnoi razrabotke ugol'nykh mestorozhdenii. Moskva, Ugle-tekhnizdat, 1958. 327 p. (MIRA 12:2)
(Coal mines and mining)

ZHIZMADZHEV, Yu.A.

Auto-oscillation processes in certain electrochemical systems.
Dokl.AN SSSR 133 no.5:1136-1139 Ag '60. (MIRA 13:8)

1. Institut elektrokhemii Akademii nauk SSSR. Predstavleno akad.
A.N.Frumkinym.

(Electrochemistry)
(Oscillations)

ZHIZMOR, L., inzh. (Chelyabinsk)

Combination hydraulic jacks. Zhel.dor.transp. 36 no.5:87-88
My '55. (MIRA 12:5)

(Hydraulic jacks)

ACC NR: AP6017960 (A)

SOURCE CODE: UR/0413/66/000/010/0034/0034

INVENTORS: Morozov, Ye. I.; Musatov, M. I.; Zhiznev, V. S.

ORG: none

TITLE: A method for pouring molten metal from lined vacuum arc furnaces. Class 18, No. 181668

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 10, 1966, 34

TOPIC TAGS: metallurgy, metallurgic process, metallurgic furnace, metal industry, arc furnace

ABSTRACT: This Author Certificate presents a method for pouring molten metal from lined vacuum arc furnaces. To obtain a superheated melt, the pouring is done through an intermediate crucible in which the metal is reheated by an auxiliary electric arc.

SUB CODE: 13/ SUBM DATE: 06Jul64

Card 1/1

UDC: 621.745.56

ZHIZNEVSKAYA, G. Ya., Candidate of Biol Sci (diss) --- "The effect of the trace elements (Cu, B, Mn, Zn, Mo) on the biochemical aspects and harvest of corn". Riga, 1959. 25 pp (Acad Sci USSR, Botanical Inst im V. L. Komarov), 150 copies (KL, No 22, 1959, 111)

USSR/Soil Science. Mineral Fertilizers

J-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 91470

Author : Zhiznevskaya G.Ya.

Inst : A.S. Latvian SSR

Title : A Comparative Estimation of the Effect of Microelements on Corn and Flax, Depending on the Soil Conditions.

Orig Pub : Izv. AN LatvSSR, 1957, No 11, 65-80

Abstract : The results of vegetative and field tests, carried out in the Institute of Biology of the Academy of Science, Latvian SSR, showed that on a lined turf-podzolic field, corn did practically not respond to the application of boron; the crop of flax straw with boron rose by 19 o/o, but the crop of flax seeds by more than three times. On the chalked acid turf field, boron increased the yield of cobs by 38 o/o. The presowing treatment of the seeds with a 0.015 o/o solution of borax and top-dressing improved the crop on both fields. In the field tests, top-dressing corn with a 0.01 o/o solution of zinc sulfate boosted the green yield

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USSR/Soil Science. Mineral Fertilizers

J-5

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 91470

by 15-16 o/o, the seed treatment with zinc phosphide by 16 o/o. On the turf-podzol and peat fields, which were poor in assimilable copper, copper clearly showed positive effect on the corn and flax yield; on the peat fields the crop of corn cobs increased with an application of Cu by 62.7 o/o, the crop of flax seeds by 30 times. On the turf-podzolic soil the pre-sowing treatment of the seeds with Cu-solutions had a more beneficial effect on the crop of corn cobs, than the application directly to the soil. Manganese applied to the lined peat field increased only the crop of green corn cobs by 9-16 o/o. The crop of flax straw rose under these conditions by 19 o/o, the seed yield by more than three times. -- A.M.

Shchepetil'nikova

Card : 2/2

34

PEYVE, Ya.V.; ZHIZNEVSKAYA, G.Ya.; KRAUYA, A.Ye.

Effect of copper on the carotinoid content of plants Fiziol.
rast. 8 no.4:449-453 '61. (MIRA 14:11)

1. Institut of Biology, Latvian S.S.R. Academy of Sciences,
Riga.

(Plants, Effect of copper on)
(Carotinoids)

ZHIZNEVSKAYA G. Ya., PEYVE Ya. V. (USSR)

"Change in the Nitrate Reductase Activity in Plants Caused by
Molybdenum and Copper."

Report presented at the 5th Int'l Biochemistry Congress,
Moscow, 10-16 Aug. 1961

ZHIZNEVSKAYA Ya., PEYVE Ya.V., KRAU-BERZIN Ya. (USSR)

"Effect of Copper on the Content of Carotenoids and Chlorophyll
in Plant Leaves."

Report presented at the 5th Int'l Biochemistry Congress,
Moscow, 10-16 Aug. 1961

DEMESHEVA, G.A.; IVANCHIKOVA, E.I.; KRIVOSHAPKIN, M.A.; LEYCHIK, V.M.;
 OVSYANKINA, V.I.; PEKHTISTOVA, V.P.; TSINMAN, M.Z.; HUKULOVA, S.N.;
 SUBKHANBERDINA, K.Kh.; RUBAKOV, P.I., laureat Stalinskoy premii,
 spetsial'nyy redaktor; BALANINA, O.V., kandidat sel'skokhozyaystven-
 nykh nauk, spetsial'nyy redaktor; SAKHAROVA, V.M., spetsial'nyy
 redaktor; KOSENKO, V.V., spetsial'nyy redaktor; ZHIZNEVSKIY, F.V.,
 otvetstvennyy redaktor; BURLACHENKO, L.A., redaktor; ALFEROVA, P.V.,
 tekhnicheskiiy redaktor

[Experience of agricultural leaders of Kazakhstan; an annotated
 bibliography] Opyt peredovikov sel'skogo khoziaistva Kazakhskoi SSR;
 annotirovannyi ukazatel' literatury. Alma-Ata, 1955. 290 p. (MLA 9:12)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Tsentral'naya nauchnaya
 biblioteka. 2. Tsentral'naya nauchnaya biblioteka Akademii nauk
 Kazakhskoi SSR. (for Demesheva, Ivanchikova, Krivoshapkin, Leychik,
 Ovsyankina, Peoktistova, Tsinman)
 (Bibliography--Kazakhstan--Agriculture)

ZHIZNEVSKIY, G. A.: Master Med Sci (diss) -- "A physiological-hygienic evaluation of the insecticide NIUIF-100". Minsk, 1957. 18 pp (Minsk State Med Inst and Vitebsk State Med Inst) (KL, No 13, 1959, 111)

84. Toxicity of the Organophosphorus Insecticide NIUIF-100

"Toxic Properties of the Poisonous Chemical NIUIF-100 and Prophylactic Measures for Occupational Intoxications," by G. A. Zhiznevskiy, Chairs of Hygiene (head, Prof Z. K. Mogilevchik) and Pharmacology (head, Prof K. S. Shadurskiy) Minsk Medical Institute, Zdravookhraneniye Belorussii, Vol 3, No 5, 57, pp 59-62

Reports results of investigations conducted to determine the toxicity of the organophosphorus compound NIUIF-100, and its effect on the organism. It is supplied to consumers either in the form of a thick oily dark-brown liquid with an unpleasant garlic-like odor, consisting of 30 percent diethylparanitrophenylthiophosphate (DNFTF), a vehicle, OP-7 or OP-10, and other chemical ingredients, or in the form of a dust containing one percent of DNFTF in a kaolin or talcum base. NIUIF-100 is a highly effective insecticide. At the same time, it was found to be highly toxic to warm blooded animals. Experiments conducted on mice and dogs established:

- (1) NIUIF-100 is a potent poison with a narrow zone of toxic action;
- (2) the toxic and anticholinesterase properties of NIUIF-100 are due to the diethylparanitrophenylthiophosphate which produces a muscarine-like effect;
- (3) a sharp diminution of cholinesterase activity in the blood serum was observed in dogs fed with food which contained 5-2.5 milligrams of DNFTF in one kilogram of feed. (U)

Sum 11429

AMIRIDI, V.F.; ZHIZNEVSKIY, G.O., red.

[Filming of television shows from kinescope screens]
Kinos'emka televizionnykh izobrazhenii s ekrana kine-
skopa. Moskva, Gos. kom-t po radioveshchaniyu i tele-
videniyu, 1963. 89 p. (MIRA 17:9)

ZHIZNEVSKI, I.

Kirenskiĭ okrug. Vodnye puti soobshdheniia. [Water transportation facilities of Kirensk district]. (Sib. sov. ents., v. 2, col. 675). DLC: DK752.5, S5

S0: Soviet Transportation and Communication, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

ZHIZHNEVSKIY, V.; BAKANOV, P.

Practice in using expelling machinery for rendering fat.
Mias.ind.SSSR 27 no.1:16-18 '56. (MLRA 9:6)

1.Zhirovoy tsekh Moskovskogo myasokombinata.
(Oils and fats) (Moscow--Packing houses--Equipment and supplies)

LIBERMAN, S.; PETROVSKIY, V.; ASIANOV, V.; ZHIZHNEVSKIY, V.

Expeller installation for rendering fat in operation. Mias.ind.
SSSR 26 no.4:28-31 '55. (MLRA 8:10)
(Rendering apparatus)

1. KOMDR'SHOV, A.: ZHIZHNEVSKIY, V.

2. USSR (600)

4. Oils and Fats

7. Useful book ("Handbook of fat production." S.O. Liberman, V.P. Petrovskiy).
Mias. ind. SSSR 23. no. 5. 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

ZHIZNEVSKIY, F., red.; ZALENSKIY, M., red.; LYAKHOVETSKAYA, T., red.;
GRABARNIK, A., otv. za vypusk; ZLOBIN, M., tekhn.red.

[Flourish, territory of virgin lands] Tsveti, tselinnyi kraj.
Alma-Ata, Kazakhskoe gos.izd-vo, 1958. 325 p. (MIRA 13:4)
(Kazakhstan--Reclamation of land)

ZHEREBCHENKO, P.G.; GOLOVCHINSKAYA, Ye.S.; KOSTYANOVSKIY, R.O.; KRASNYYH,
I.G.; KUZNETS, Ye.I.; MAGIDSON, O.Yu.; MURASHOVA, V.S.; PASTUKHOVA,
I.S.; PREOBRAZHENSKAYA, M.N.; SUVOROV, N.W.; TER-VARTANYAN, I.S.;
ZHKHINYADZE, K.A.; SHASHKOV, V.S.; SHECHUKINA, M.N.

Role of oxidative deamination in the mechanism of radiation
protection afforded by some amines. Zhur.ob.biol. 21 no.2:
157-160 Mr-Apr '60. (MIRA 13:6)
(RADIATION PROTECTION) (DEAMINATION)

ACCESSION NR: AP4040693

S/0135/64/000/006/0001/0004

AUTHOR: Nikiforov, G. D. (Candidate of technical sciences);
Zhiznyakov, S. N. (Engineer)

TITLE: Weldability of heat-resistant SAP material in fusion welding

SOURCE: Svarochnoye proizvodstvo, no. 6 (630), 1964, 1-4

TOPIC TAGS: sintered aluminum powder, SAP, SAP weldability, SAP fusion welding, SAP weld, weld property, TIG weld, MIG weld

ABSTRACT: The unsatisfactory weldability of SAP parts noted in fusion welding is caused chiefly by the presence of oxide films enveloping each metal particle. The weldability can be greatly improved by vacuum annealing of SAP billets at 650--680C prior to rolling. Weldable SAP sheets are obtained in this way. They have higher ductility and almost the same tensile and yield strength as those of conventionally processed SAP sheets. Weldable SAP sheets can be successfully welded with an argon shielded arc, with or without flux. It is advisable to weld 1.0-mm-thick sheets without any

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ACCESSION NR: AP4040693

gap, using the TIG process. Sheets 1.5 mm thick can be welded with or without a gap, but in the latter case, the MIG process is recommended. The strength of SAP welds made with AMg-6 filler or electrode wire is equal to 81—100% of the strength of the base metal at room temperature and 96% at 500C. Weldable SAP can be welded successfully to other aluminum alloys. Orig. art. has: 8 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00

ATD PRESS: 3061

ENCL: 00

SUB CODE: MM

NO REF SOV: 002

OTHER: 008

Card 2/2

NIKIFOROV, G.D., kand. tekhn. nauk; ZHIZNYAKOV, S.N., inzh.

Weldability by the fusion method of a SAP-type (sintered
aluminum powder) heat-resistant alloy. Svar. proizv. no. 6;
1-4 Je '64 (MIRA 18:2)

1. Moskovskiy aviatsionnyy tekhnologicheskii institut.

MEKLER, L.B.; DOBRETSOV, G.Ye.; ZHKANOV, V.M.

Cytochemical and immunochemical analysis on the level of electron microscopy; general approach to the problem. Vop. virus. 9 no.3: 271-275 My-Je '64. (MIRA 18:1)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.

ZETKIN, V.I.; ZHKHAROV, Ye.V.; FISHKIS, M.Ya.; KOLESNIKOV, I.M.

Detection of chloronitrobenzenes. Zhur. anal. khim. 19 no.11:
1415-1416 '64. (MIRA 18:2)

1. I.M. Gubkin Moscow Institute of Petroleum Chemistry and Gas
Industry.

PA 55/49T29

ZHLANOV, P. C., PROF

USSR/Electricity
Electric Power
Scientists
May 49

Professor L. I. Sirotnitskiy (Seventieth Birthday Anniversary), "Prof P. C. Zhlanov, Dr Tech Sci, Prof V. V. Meshkov, Dr Tech Sci, Prof G. M. Petrov, Dr Tech Sci, Docent, A. S. Sergeyev, 1 p

"Elektrichestvo" No 5

Gives details, in brief, of Prof Sirotnitskiy's early education and his part in setting up various electrical engineering laboratories. Meet of his

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END

May 49

USSR/Electricity (Contd)

activities, in high-voltage techniques, took place at Moscow Power Institute Molotov. Lists most important projects (Dneprostroy, etc.) in which he participated.

END

55/49T29

ZHLOBA, A. F.

Subcutaneous rupture of the trachea. Vest. otorin. no.1:94-95
'62. (MIRA 15:7)

1. Iz khirurgicheskogo otdeleniya (zav. - zasluzhennyy vrach
RSFSR I. A. Nikolayev) Obninskoy gorodskoy bol'nitsy
Kaluzheskoy oblasti.

(TRACHEA—RUPTURE)

ZHLOBA, A.F. (Kaluzhskaya oblast, g. Obninsk, prosp. Lenina, d.44, kv.49)

Puncture of the abdominal cavity as a supplementary method of
diagnosis of acute surgical abdominal diseases. Klin.khir. no.9:
41-45 S '62. (MIRA 16:5)

1. Kafedra khirurgii II (zav. - prof. G.A. Gomzyakov) Leningradskogo
instituta usovershenstvovaniya vrachey i khirurgicheskoye otdeleniye
(zav. - A.F. Zhloba) Tomskogo bol'nichno-poliklinicheskogo ob'yedi-
neniya.

(ABDOMEN---PUNCTURE)

ZHLOBICH, A.V., kand. tekhn. nauk

Expediency and feasibility of an ejection cooling of engines.
Avt. prom. 30 no.9:3-4 S '64. (MIRA 17:10)

1. Belorusskiy tekhnologicheskii institut imeni S.M. Kirova.

GORBACHEVSKIY, I.; ZHLOBO, N. (Minsk)

A stall for vending machines. Sov.torg. 33 no.7:48
J1 '60. (MIRA 13:7)

(Vending machines)

BELOV, Ye.M., inzh.; ZHLOBICH, A.V., inzh.

Use of a two-channel capacitance-type pressure indicator for studying an ejector with pulsating gas flow. Izv. vys. ucheb. zav.; energ. 4 no.8:70-76 Ag '61. (MIRA 14:8)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskii institut imeni S.M. Kirova (for Belov). 2. Tomskiy elektromekhanicheskii institut inzhenerov zheleznodorozhnogo transporta (for Zhlobich).

(Gas and oil engines--Cooling)
(Pressure gauges)

ZHLOBICH, A.V.

Analyzing the ejection system for engine cooling. Trudy
TEIIZHT 34:152-163 '62. (MIRA 16:8)

26.2160

28573
S/143/61/000/008/005/005
D203/D305

AUTHORS: Belov, Ye. M., and Zhlobich, A.V., Engineers

TITLE: Application of a two-channel capacitance indicator of pressure for investigating an ejector with a pulsing gas flow

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Energetika, no. 8, 1961, 70-76

TEXT: The authors describe an electronic pressure-capacitor indicator with an oscillographic registration of the pressures derived for studying the behavior of the gas ejectors of impulse gas turbines. This indicator was developed at the Tomsk Thermo-Technological Laboratory ТЭММТ(TEMIIT) as one of the devices for studying the pulsating flows from the ejectors' outgoing gases which are utilized in the impulse turbines. The latter are used as the power for air cooling in a number of engines, e.g. tractor 4T3(ChTZ) of 250 hp TATRA engines, Porsche motors, diesel compressor 2CK (2SK) and others. The behavior of the gas flow in

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S/143/61/000/008/005/005
D203/D305

Application of a two-channel ...

the cross-section of the nozzle depends on the number and the order of the joint outlets and varies in character from an unstable and intermittent shape to a continuous pulsing, approaching a steady flow. According to experiments it was found that the ejector output which is evaluated by a coefficient of ejection, substantially increases with the presence of breaks between the separate gas pulses. It was found that the coefficient of ejection of an intermittent, pulsing flow q_p increases with the frequency ν , with the decrease in consumption of the gas $\frac{G_1}{G_{1max}}$, and increases with parameter $\frac{T}{T}$. The coefficient of ejection is $q_p = \frac{G_2''}{G_1}$, where G_1 - the output by weight of the active ejecting medium, G_{1max} - the output with acoustic velocity in the nozzle, G_2'' - the output by weight of the passive (ejected) medium, - equal to time of gas flow from the nozzle during the period of pulsation T . Fig. 1

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Application of a two-channel ...

²⁸⁵⁷³
S/143/61/000/008/005/005
D203/D305

shows the results of an experiment $\frac{q_p}{q_{ST}} = f(\nu)$, with various values of $\frac{\tau}{T}$ at a constant consumption of gas $\frac{G_1}{G_{1max}} = 0.3$. The characteristics were obtained for an ejector, having the mixture chamber of $D_{KS} = 52$ mm, diameter and length of 7 calibers, a diffuser of length $L_d(L_D) = 248$ mm and conical nozzle with a diameter $d_s = 18$ mm. Fig. 2 shows the variation of the coefficients of ejection q_p and q_{ST} depending on the length of the mixing chamber $\frac{L_{KC}}{d_{KC}}$, the experiments

being carried out with an ejector without the diffuser and with the diameter of the mixing chamber $d_{KS} = 52$ mm, pulsing frequency $\nu = 10/\text{sec}$, and where $\frac{\tau}{T} = 0.36$. The experiments have shown that with some dimensions of the sucking main inlet of the ejector and in some frequency ranges resonances appear with an ejector in the sucking pipe conductor with diameter 92 mm, and 930 mm long; it

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Application of a two-channel ...

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was possible to increase the coefficient of ejection by 10 to 12%, at a frequency $\nu = 7$ to 10 per sec. and at $\frac{T}{\tau} = 0.36$ (curve a, Fig. 1). A block diagram of the two-channel capacitance indicator is then shown and described. The authors explain the function of the indicator in an example of the second channel, which is the most sensitive, in Fig. 4. A signal generator of lamp Л₁6Х8 (L₁6Zh8) with an inductive T, and having a frequency of 290 Kcps and generating oscillations with an amplitude of 75V was considered. A good selection was obtained by screening, filters and h.f. chokes. The differences in frequency of generators 0.2 Kcps was accounted for. By condenser G₆ it is possible to vary somewhat the frequency of the signal generator. A bridge balance is composed of inductive capacitance impedances, one of the arms of the bridge working as indicator, a diaphragm and a stationary plate, the inductances being connected in opposition. Because of the capacitance change (action of gases on diaphragm), the voltage in the bridge is modulated. A high channel sensitivity is obtained by using a thin diaphragm 0.07 mm and a 3 stage amplifier (x 10,000). The output

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is detected and, acting on the cathode repeater $\text{JL}_4 6\text{P}6\text{C}$ ($\text{L}_4 6\text{P}6\text{S}$) changes the anode current up to $50 \mu\text{A}$ in the case of unbalance. Finally, the authors discuss the presence of intermittent pulsing flows in ejectors recorded on oscillograms by a two-channel capacitance indicator. Indirect experiments have shown the complicated nature of the behavior of the gas flow on an ejector, with the conclusion that the dimensions of an optimal ejector for the intermittent pulsing flow differ from those of an ejector for a constant gas flow. There are 6 figures and 6 Soviet-bloc references.

ASSOCIATION: Tomskiy ordena trudovogo krasnogo znameni politekhnicheskiiy institut imeni S.M. Kirova (Tomsk Order of the Red Banner of Labor Polytechnic Institute imeni S.M. Kirov) (Belov); Tomskiy elektromekhanicheskiiy institut inzhenerov zheleznodorozhnogo transporta (Tomsk Electrical-Mechanical Institute of Railroad Transportation Engineers)

SUBMITTED: July 23, 1960

Card 5/9

ZHLOBICH, A.V., kand. tekhn. nauk

Reviews and bibliography. Trakt. 1 sel'khoz mash. no. 5:47-48
My '65. (MIRA 18:6)

1. Belorusskiy tekhnologicheskiy institut im. S.M. Kirova.

S/123/61/000/007/026/026
A004/A104

AUTHOR: Zhlobich, A.V.

TITLE: Some peculiarities of ejectors operating in a pulsating gas flow

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 7, 1961, 31, abstract 7I211 ("Sb. nauchn. tr. Tomskiy elektromekhan. in-t inzh. zh.-d. transp.", 1960, v. 29, 214 - 225)

TEXT: The author carried out experimental investigations of the ejector operation in a pulsating air flow of 3,000-3,500 mm Hg (the installation layout includes a special pulsator). The efficiency of the ejector at a continuous flow does not depend on the pulsation frequency and is equal to the ejector efficiency at a stationary flow. Ejectors operating in a discontinuous pulsating flow have a higher productivity, depending on the frequency, amplitude and character of pulsation, than stationary ones. The efficiency of pulsating ejectors is lower than that of stationary ones.

[Abstracter's note: Complete translation]

I. Barskiy

Card 1/1

ZHLOBICH, A.V., inzh. (g.Tomsk)

Injection cooling on diesel locomotives. Elek. i tepl. tiaga 4
no.10:31-32 0 '60. (MIRA 13:10)
(Diesel locomotives--Cooling)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064830007-1

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"APPROVED FOR RELEASE: 07/19/2001

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1-24-65

ACCESSION NR: A-5001160

constant rotational speed of 1600 r.p.m.
residue were obtained by 3, 6, and 12

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CIA-RDP86-00513R002064830007-1

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064830007-1"

ZHLOBINSKIY, B. A.

Cand Tech Sci - (diss) "Study of the effect of the main natural and technical factors on the fatigue strength of clayey-carbonate mountain rock in drilling with ball-shaped chisels." Baku, 1961. 13 pp; (Committee of Higher and Secondary Specialist Education of the Council of Ministers Azerbaydzhan SSR, Azer Order of Labor Red Banner Inst of Petroleum and Chemistry imeni M. Azizbekov); 250 copies; free; (KL, 7-61 sup, 236)

SIMONYANTS, L.Ye.; ZHELOBINSKY, B.A.

Fatigue disintegration of rocks. Izv.vys.ucheb.zav.; neft'
i gaz 5 no.2:15-18 '62. (MIRA 15:7)

1. Groznenskiy neftyanoy institut.
(Oil well drilling)

ZHLOBINSKIY, B.A.

Determination of the optimum distance between the teeth of cone bits by means of modeling principles. Izv. vys. ucheb. zav.;
neft' i gaz 3 no.9:117-122 '60. (MIRA 14:4)

1. Grozenskiy neftyanoy institut.
(Boring machinery)

СИДОНТАС, Л.Я., ШИШОВИЧ, Д.А.

Contact time and the dynamic load on elastic impact against
a rock. Izv. vys. ucheb. zav.; neft' i gaz 5 no.11. 21-24 '62.
(MIRA 1786)

1. Gromenakiy neftyanoy institut.

SIMONYANTS, L.Ye.; ZHLOBINSKIY, E.A.

Determination of mechanical speed in modeling the drilling
process involving the use of roller bits. Izv. vys. ucheb.
zav.; neft' i gaz 6 no.8:25-29 '63. (MIRA 17:6)

SIMONYANTS, L.Ye.; ZHLOBINSKIY, B.A.; LOZCACHYEV, Ye.G.

The effect of plasticity on the disintegration of rocks.

Izv. vys. ucheb. zav.; nef't' i gaz 7 no.3:19-23 '64.

(MIRA 17:6)

1. Groznenskiy nef'tyanoy institut.

ZHLOBINSKIY, B.A.

Effect of the texture structure, and mineralogical composition
of clay and carbonate rocks on their fatigue strength during
dynamic breaking. Izv. vys. ucheb. zav.; neft' i gaz 4 no.4:
33-37 '61. (MIRA 15:5)

1. Groznenskiy neftyanoy institut.

(Oil well drilling)

(Caucasus, Northern—Rocks, Sedimentary)

"APPROVED FOR RELEASE: 07/19/2001

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CIA-RDP86-00513R002064830007-1"

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CIA-RDP86-00513R002064830007-1

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064830007-1"

ZHLOBINSKIY, I.M.; SODIN, L.G.

Use of an "active" analysis method for decreasing the analysis time
of the discrete spectra of radio signals. Radiotekhnika 17 no.2:71-
80 F '62. (MIRA 15:2)

(Radio waves-spectra)

33795

S/108/62/017/002/010/010
D201/D305

6.4770

AUTHORS:

Zhlobinskiy, I.M., and Sodin, L.G., Members of the
Society (see Association)

TITLE:

Reducing the analysis time of discrete radio signal
spectra by applying the 'active' method of analysis

PERIODICAL: Radiotekhnika, v. 17, no. 2, 1962, 71 - 80

TEXT: The resolving capability of a panoramic analyzer working on
the principle of sequential analysis, is determined by the pass-
band b of the analyzing filter, and is related to the time of ana-
lysis T and the swept band S by the known relationship

$$b_{0.7} = 0.665 \sqrt{\frac{S}{T}} = 0.665 \sqrt{FS} \quad (1)$$

where F - the sweep frequency. A.N. Virskiy and V.A. Martynov (Ref.
2: Sposob uvelicheniya skorosti posledovatel'nogo analiza spektra
(A Method of Increasing the Speed of Sequential Spectrum Analysis)
Author's certificate No. 134716) have independently of each other,
suggested a method of shortening the analysis time with a constant
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Reducing the analysis time of ...

resolving capability of the analyzer. The method consists in the intervals between the adjacent spectral lines being swept quickly and decreasing the change in frequency ($\gamma = FS$) when it reaches the value determined in (1). The decrease should be automatic by acting on the sweep generator by the filter system output pulses. It is suggested in Ref. 2 (Op.cit.) that the sweep speed be controlled directly by the pulse signals. In conjunction with the above the authors suggest two distinct speeds of analysis: Large (γ_1) - in the intervals between the signals and small (γ_s) - in the presence of signals. According to (1) the following condition should be satisfied

$$b_{0.7} = 0.665 \sqrt{\gamma_s} . \quad (2)$$

The block diagram of the suggested circuit, with which a larger saving in time could be achieved is given in Fig. 4. As may be seen the proposed circuit has a separate filtering system which controls retardation of the sweep. The analysis of the above circuit shows that the parameters of the control system $b_{0.7c}$ - the 3 db band-

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width of the control system, γ_1 - high sweep speed and d_{1c} - the operating level of the control delay system should be taken from

$$b_{0.7st.c.opt.} = b_{0.7st.f} \sqrt[3]{\frac{4}{Bk_{sc}p_o}} \quad (10)$$

and

$$\gamma_{1 opt} = \gamma_s \sqrt[3]{\frac{16B}{p_o^2 k_{sc}^2}} \quad (11)$$

where $b_{0.7st.c.opt.}$ - the optimum static 3 db bandwidth of the control channel, $b_{0.7st.f}$ - the 3 db static bandwidth of the filter channel, $B = \gamma_1/\gamma_s$, k_{sc} - the rectangularity factor of the control channel at the static operating level $d_{st.c}$ of the delay channel, and parameter $p_o = N_o b_{0.7f}/S$ where N_o - the number of signals present in the swept frequency band. The d_{1c} should be taken as $\sqrt{2}$

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and $p_0 \approx 0.05$. The analysis shows that the control channel should have a minimum number of stages ($n_c = 1 \div 2$) for small dynamic range of input signals, for 40 ÷ 60 db range of input signals n_c should be increased to 4 ÷ 5. A still greater reduction of the analysis time may be obtained if the filter of the control channel is detuned in the direction opposite to the change in frequency, since in this case the bandwidth may be decreased without the danger of 'sealing-in'. This decrease should be kept small, otherwise the sensitivity of the analyzer will be decreased. There is 1 table, 11 figures and 2 Soviet-bloc references.

ASSOCIATION: Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi imeni A.S. Popova (Scientific and Technical Society of Radio Engineering and Electrical Communications imeni A.S. Popov) [Abstractor's note: Name of Association taken from first page of journal]

SUBMITTED: March 7, 1961

Card 4/84

6(4), 7(7)

AUTHORS:

Zhlobinskiy, I. M., Sodin, L. G.

SOV/108-13-12-6/12

TITLE:

Methods of Calculating and Eliminating Interference Disturbances Occurring During Frequency Transformation (Metody rascheta -
ustraneniya kombinatsionnykh pomekh, voznikayushchikh pri
preobrazovanii chastoty)

PERIODICAL:

Radiotekhnika, 1958, Vol 13, Nr 12, pp 45-52 (USSR)

ABSTRACT:

The present paper sets out from the consideration of the conditions that are necessary, and not only sufficient, for suppressing interference disturbances. As far as the receiving range is subdivided into some sub-areas the choice of the intermediate frequencies and of the sub-areas is made easier by a sufficient attenuation of the interference disturbances. The task is not to choose an intermediate frequency being lower or higher than those frequency values at which the formation of interference disturbances at any signal frequency is possible but in being able to choose the intermediate frequency for the respective range of signal frequencies between the values at which the dangerous interferences occur. The conditions for the occurrence of interference disturbances are investigated and the

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Methods of Calculating and Eliminating Interference Disturbances Occurring
at Frequency Transformation

SOV/108-13-12-6/12

formulae for the determination of the frequency of the signal forming the combined interference at the frequency transformation are derived. The conditions for eliminating this interference are investigated. A graphical method is given whereby the intermediate frequency of an aural or panoramic receiver can easily be chosen. There are 5 figures and 4 Soviet references.

SUBMITTED: April 15, 1957

Card 2/2

2-12-1959
ANDON'YEV, S.M.; ZHLOBINSKIY, Ye.I.; YUR'YEV, M.A.; STRUGATSKIY, L.F.;
YELISHYEV, B.V.; TSELOYKO; Yu.I.; SUVOROV, A.I.; FILIP'YEV, O.V.;
KALASHNIKOV, P.A.; L'VOV, V.N.; SULOYEV, V.A.

Evaporation cooling of rolling-mill heating furnaces in open-hearth-
furnace plants and complex utilization of secondary power resources.
Prom. energ. 14 no.1:37-39 Ja '59. (MIRA 12:1)
(Furnaces, Heating) (Boilers)

ZHLOBINSKIY, Z.B.; LOKSHANOV, M.B.

Efforts to achieve well organized production and labor. Leg.prom.
14 no.6:44-46 Jo '54. (MLRA 7:8)
(Clothing industry)

ZHLOBO, M.K.

Continuous settling tank for eleeresin. Gidreliz. 1 lesokhim.prom.
8 no.7:19-20 '55. (MIRA 9:4)

1.Glavnyy inzhener Neyve-Rudyanskogo lesekhimicheskogo saveda.
(Gums and resins)

1. ZHLOBO, M. K.
2. USSR (600}
4. Wood Distillation
7. In creative cooperation with the Central Scientific Research Institute of Wood Chemistry. Der. i lesokhim. prom. 1 no. 4. 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

ZELIACH, M.K.; PONOMAREVA, V.A.

Operation of reconstructed steam-jacket columns for rosin production. Der.
i lesokhim.prom. 2 no.7:27-28 J1 '53. (MLRA 6:5)

1. Neyvo-Rudyanskiy lesokhimicheskiy zavod. (Gums and resins)

ZHLUDENKO, I.G., zasluzhenny agromom UkrSSR.

Make way for high-yielding varieties. Zemledelie 24 no.6:89
Je '62. (MIRA 15:11)

1. Predsedatel' kolkhoza imeni Dimitrova, Kupyanskogo rayona,
Khar'kovskoy oblasti.

(Wheat---Varieties)

ZHLUD'KO, A.D.

Zhlud'ko, A.D. [Fizicheskiy institut imeni P.N. Lebedeva AN SSSR (Physical Institute imeni P.N. Lebedev, AS USSR) A Method of Measuring Temperature Functions and of Solid Dielectrics in the Decimeter Band of Radio Waves

(The Physics of Dielectrics; Transactions of the All-Union Conference on the Physics of Dielectrics) Moscow, Izd-vo AN SSSR, 1958. 515 p. 3,000 copies printed.

This volume publishes reports presented at the All-Union Conference on the Physics of Dielectrics, held in Dnepropetrovsk in August 1956, sponsored by the "Physics of Dielectrics" Laboratory of the Fizicheskiy Institut imeni Lebedeva AN SSSR (Physics Institute imeni Lebedev of the AS USSR), and the Electrophysics Department of the Dnepropetrovskiy gosudarstvennyy universitet (Dnepropetrovsk State University).

ZHLUDNEV, V.M.

MESHNERA, V.F., shturman dal'nego plavaniya, kandidat yuridicheskikh nauk;
ZHLUDNEV, V.M., redaktor; FLAUT, M.Ya., tekhnicheskii redaktor.

[Organization of the maritime service; administrative and legal
reference manual] Organizatsiia morskoi sluzhby; administra-
tivno-pravovoi spravochnik. Moskva, Izd-vo "Morskoi transport,"
1952. 167 p. [Microfilm] (MLRA 7:12)
(Merchant marine) (Maritime law)

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064830007-1

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064830007-1"

(10 wt. % MgCl₂) of the system MgCl₂-CaCl₂-H₂O
Kh. I. Zhidnev, V. N. Zhidnev, et al.
App. num. 158,828 (M. S. S. S. S.)
Dec. 1, 1960

ZHLUDNEVA, V. N.

Subject : USSR/Chemistry AID P - 3500

Card 1/1 Pub. 152 - 15/21

Authors : Strelets, Kh. L., V. N. Zhudneva, and I. L. Reznikov

Title : Viscosity of fused salts of the isoconcentration section (MgCl₂, 10% by weight) of the system MgCl₂-CaCl₂-KCl-NaCl

Periodical : Zhur. prikl. khim., 28, 6, 643-651, 1955

Abstract : The viscosity was determined by the Coulomb method. The experimental data show that the viscosity of the quaternary electrolytes is not an additive function of the composition. The effect of the concentrations of KCl, NaCl, and CaCl₂ on the viscosity of the electrolytes has been studied. Seven tables, 3 references, 2 Russian (1935-1937).

Institution : None

Submitted : 0 9, 1953

ZHIJUTIN, V.A.

Improvement of KU-2 and KU-2a corn combines. Mekh. sil'. hosp. 9
no. 8:9-10 Ag '58. (MIRA 11:8)

1. Dnipropetrovs'ko oblasne upravlinnya radgospiv.
(Combines(Agricultural machinery))

ZHLUKTIN, V.A., inzhener-mekhanik.

Re-equipment of KU-2 and KU-2A combines for harvesting hybrid
corn. Mekh. sil'. hosp. 8 no.9:13 S '57. (MIRA 10:9)
(Combines (Agricultural machinery)) (Corn (Maize))

ZHMACHENKO, F., general-polkovnik

Ukraine develops the construction of motordromes. Za rul. 16
no. 5:4 My '58. (MIRA 11:7)

1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo obshchestva
sodeystviya armii, aviatsii i flotu USSR.
(Ukraine--Motorcycle racing)

ZHMACHENKO, P., Geroy Sovetskogo Soyuza.

More attention to aeronautic sports. Kryn. rod. 8 no.8:4-6 Ag '57.
(MLRA 10:9)

1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo obshchestva
sodeystviya armii, aviatsii i flotu Ukrainskoy SSR.
(Aeronautics) (Military education)

ZHMACHENKO, F.

Radio amateurs of Soviet Ukraine. Radio no. 7:4-5 J1 '57.

(MLRA 10:8)

1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo obshchestva
sodeystviya armii, aviatsii i flotu USSR.

(Ukraine--Amateur radio stations)

ZHMACHENKO, F.

107-57-7-5/56

AUTHOR: Zhmachenko, F., Chairman of the DOSAAF Committee, UkrSSR

TITLE: Radio Hams of the Soviet Ukraine (Radiolyubiteli sovetskoy Ukrainy)

PERIODICAL: Radio, 1957, Nr 7, pp 4-5 (USSR)

ABSTRACT: Presented is a concise account of the radio amateurism in the Ukraine.

The number of radio circles and radio courses have grown rapidly. In 1956 tens of thousands of qualified radio operators have been trained in the lower-level radio-ham organizations. High skills were demonstrated at the 10-th All-Union Radio Ham Contest, Kiev, in April 1957. The first place was taken by the team of V. Somov (L'vov), G. Astrabakhin (Odessa), N. Yemshanov (Vinnitsa). Personal skills were shown by the Masters of Radio Amateurism N. Tartakovskiy and P. Vasilyev. The former set a new all-Union record of 420 digits a minute received on typewriter. 3,172 radio hams passed the exams and received various proficiency-degree certificates. In 1955 there were 85 ultrashort-wave ham radio stations in the Ukraine; in 1956 their number rose to 354; more and more stations are coming on the air.

There are not enough radio clubs in the Ukraine; not all Oblasts have them. Many have poor quarters; hams study in hallways and pantries. Shortage of radio equipment and radio textbooks prevails.

Radio clubs should be organized in all Ukrainian oblasts. One paid full-time worker is sufficient for a radio club. The bulk of the work can be carried out

Card 1/2

Radio Hams in the Soviet Ukraine

107-57-7-5/56

by amateurs free. Czechoslovakian ham organizations are a good example of such a system.

An appeal is made to radio-manufacturing plants to sell their unusable radio equipment and parts to radio hams and their organizations.

Seminars in Moscow have been organized to train the Chiefs of Radio Clubs.

The training has been reduced to attendance of many reports and discussions. It is suggested that: (a) studying of new methods and equipment be conducted instead, (b) the training take place not necessarily in Moscow.

It is urged to organize the Central Radio Club in the Ukraine.

AVAILABLE: Library of Congress

Card 2/2

ZHMACHENKO, F.

Towards new accomplishments. Radio no. 11:15-16 N '60.

(MIRA 14:1)

1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo obshchestva
sodeystviya armii, aviatsii i flotu USSR.

(Radio clubs)

ZHMACHENKO, F.

Mass training of technical cadres. Voen. znan. 39 no.3:12-14 Mr
'63. (MIRA 16:7)

1. Predsedatel' Ukrainского respublikanskogo komiteta
Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i
flotu.

(Ukraine--Military education)

Zhmachenko, F.

ZHMACHENKO, F., general-polkovnik, geroy Sovetskogo Soyusa.

Unprecedented patriotic enthusiasm. Voen.znan.33 no.11:12-13
N '57. (MIRA 10:12)

1. Predsedatel' Respublikanskogo Komiteta Dobrovol'nogo obshchestva
sodeystviya armii, aviatsii i flotu USSR.
(Ukraine--Military education)

ZHIVACHENKO, F.

The seven-year plan of the Ukrainian sportsmen. Za rul. 18
no.1:1-2 Ja '60. (MIRA 13:5)

1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo
obshchestva sodeystviya armii, aviatsii i flotu USSR, Kiyev.
(Ukraine--Automobile racing)
(Ukraine--Motorcycle racing)

ZHMACHENKO, F.

85-8-3/18
AUTHOR: Zhmachenko, F., Hero of the Soviet Union, Chairman,
DOSAAF Committee for the Ukrainian SSR
TITLE: More Attention Must Be Given to Aviation Sports (Bol'she
vnimaniya aviatsionnomu sportu)
PERIODICAL: Kryl'ya Rodiny, 1957, Nr 8, pp. 4-6 (USSR)
ABSTRACT: The author outlines the achievements of the DOSAAF
organizations of the Ukrainian SSR in spurring the in-
terest of the masses in the aviation sports and in
raising the quality of the training offered to the mem-
bers of these organizations; states the requirements
for further progress in these fields, the principal
requirement being the bettering of the material equip-
ment of the lower-level sport organizations; and criti-
cizes the Central Committee of the DOSAAF for not under-
standing the importance of the activities of the local
organizations and for not paying sufficient attention
to the needs of these organizations. More specifically,
he stresses the necessity of spreading the existing net
of areoclubs, of building a large number of well equipped
outdoor training centers and parachute towers, and of

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More Attention Must Be Given to Aviation Sports (Cont.)

85-8-3/18

putting more gliders at the disposal of sport circles. The article contains no scientific data of any importance. A paragraph is, however, quoted below as indicating that the efforts to stimulate the activities of the DOSAAF are linked with the current reorganization of the anti-aircraft defense of the USSR: "Crowded meetings of those who actively participate in organizing the defense of the country were held all over the Ukrainian SSR. At these meetings, it has been asked that the DOSAAF Committees give more consideration to the development of aviation sports."

AVAILABLE: Library of Congress

Card 2/2

ZHMACHENKO, F.F., Geroy Sovetskogo Soyuza

Properly and efficiently. Za rul. 21 no.4:3-4 Ap '63. (MIRA 16:5)

1. Predsedatel' respublikanskogo komiteta Dobrovol'nogo obshchestva
sodeystviya armii, aviatsii i flotu Ukrainy.
(Motor vehicles--Societies, etc.)